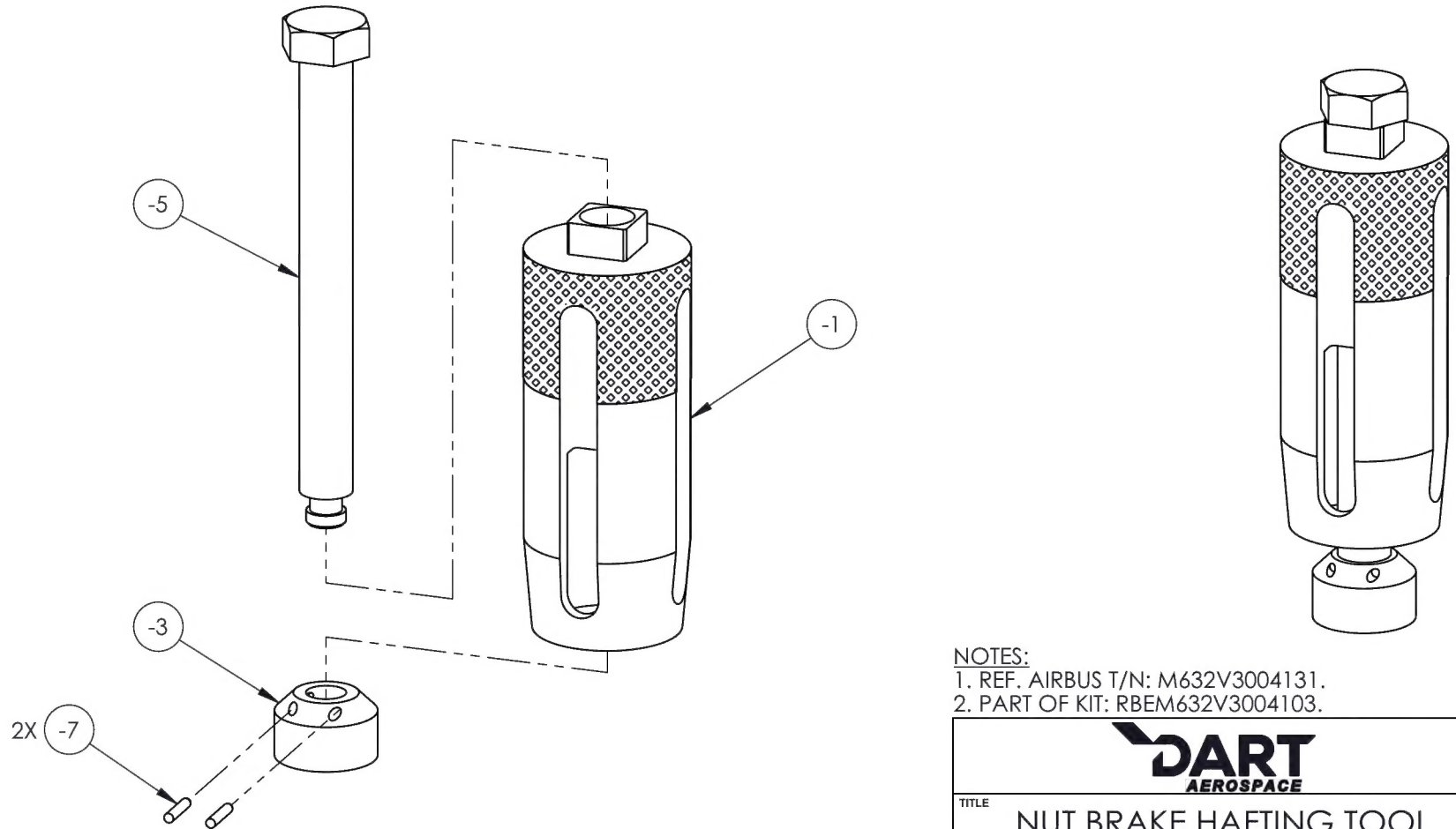


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	6/16/2016	DPD	JAG
2	16-0185	-1 CH'D DIM WAS 4X R.08 IS 4X R.06. WAS 8X R.08 IS 8X R.06, WAS 4X FULL R IS 8X Ø.47, DELETED 4X .47, WAS 4X 3.70 IS 4X 3.46, WAS 8X MIN. UNDERCUT IS 8X MIN. RELIEF, ADDED ENGRAVE T/N, S/N, "MADE IN USA". -1 & -3 CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32, CH'D FINISH WAS DUAL FINISH IS ZINC PLATE.	10/21/2016	RJC	SM



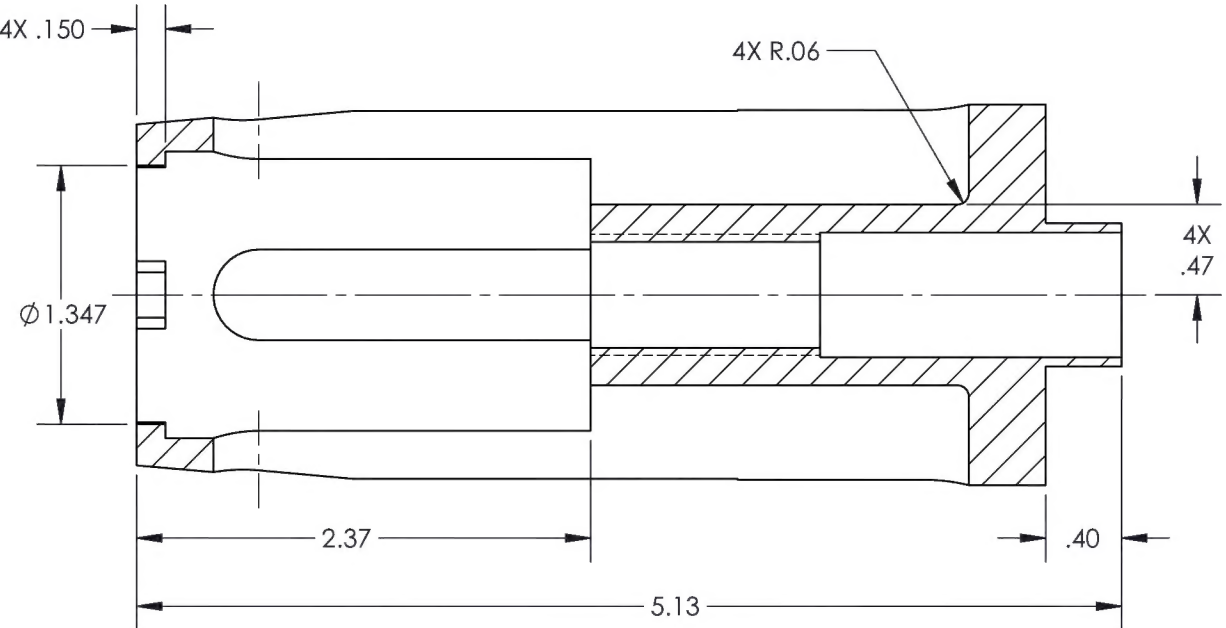
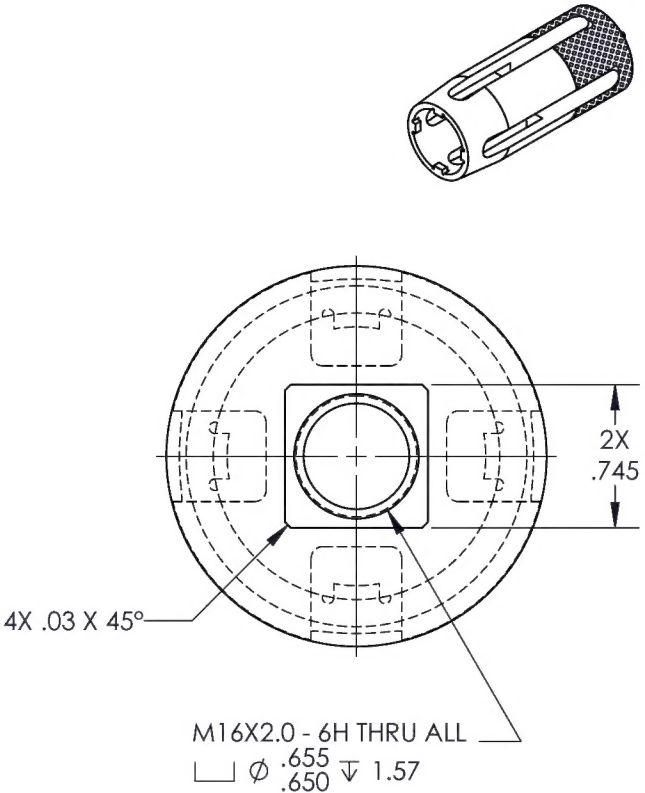
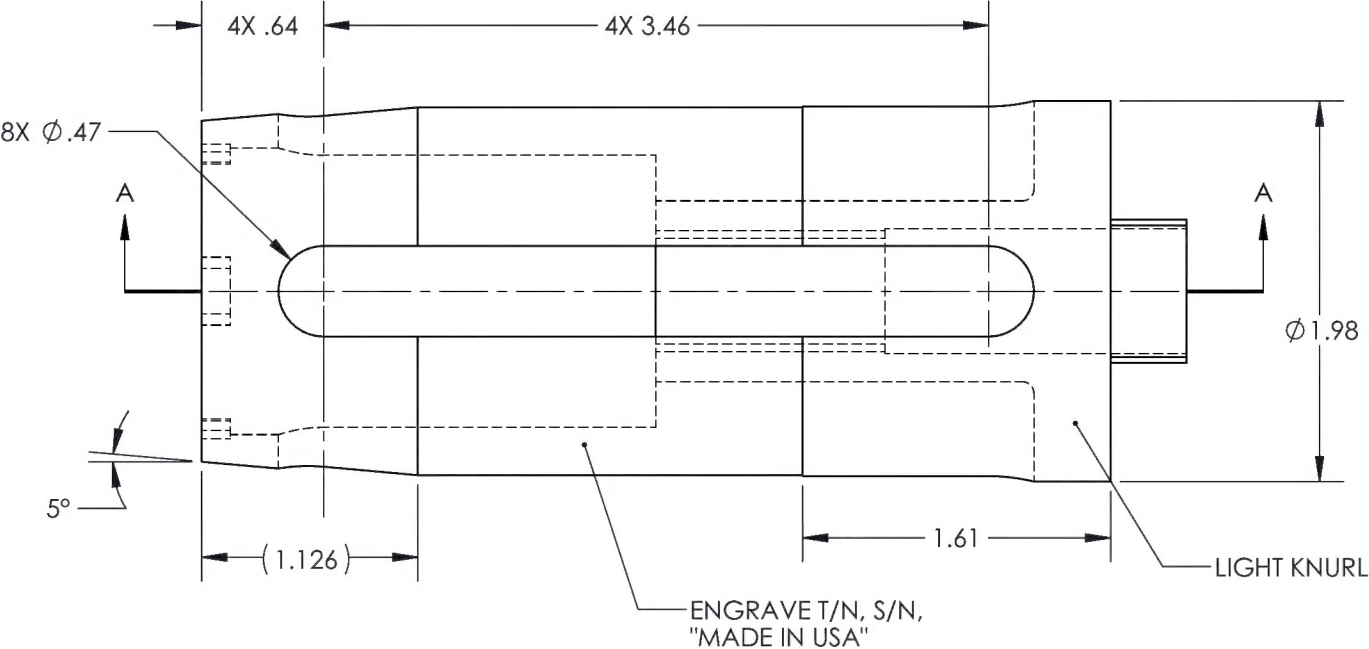
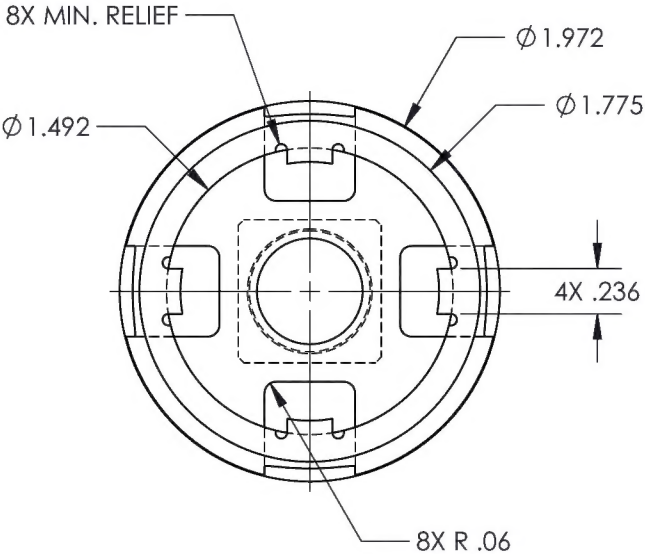
NOTES:
1. REF. AIRBUS T/N: M632V3004131.
2. PART OF KIT: RBEM632V3004103.

DART AEROSPACE	
TITLE NUT BRAKE HAFTING TOOL	
DWG NO. RBEM632V3004131	REV 2
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:2	DATE 5/3/2016
SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	TUBE	4140/4142		2
			-3	1	FOOT	4140/4142		3
			-5	1	HEX HEAD CAP SCREW	STEEL	M16 X 2mm X 150mm, CLASS 8.8 (GRAINGER #25DE25) MODIFIED	4
		B/O	-7	2	DOWEL PIN	STEEL	M3 X 16mm (MCMMASTER-CARR #91595A116)	1

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0185	-1 CH'D DIM WAS 4X R.08 IS 4X R.06, WAS 8X R.08 IS 8X R.06, WAS 4X FULL R IS 8X Ø .47, DELETED 4X .47, WAS 4X 3.70 IS 4X 3.46, WAS 8X MIN. UNDERCUT IS 8X MIN. RELIEF, ADDED ENGRAVE T/N, S/N, "MADE IN USA", CH'D FINISH WAS DUAL FINISH IS ZINC PLATE, CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32.	10/21/2016	RJC	SM

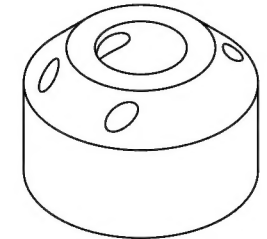
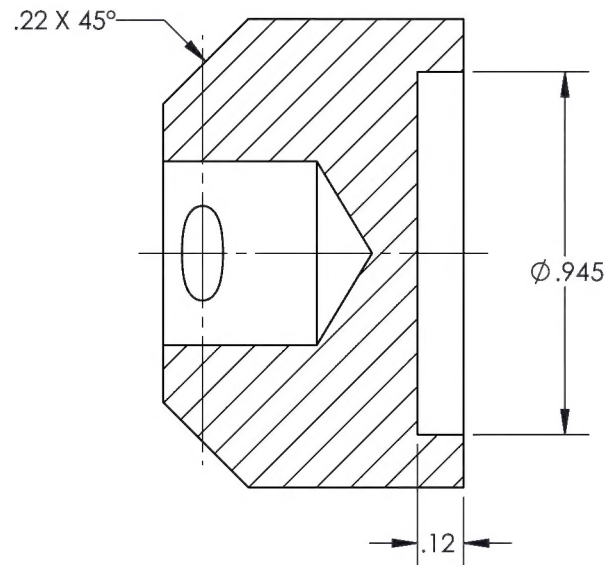
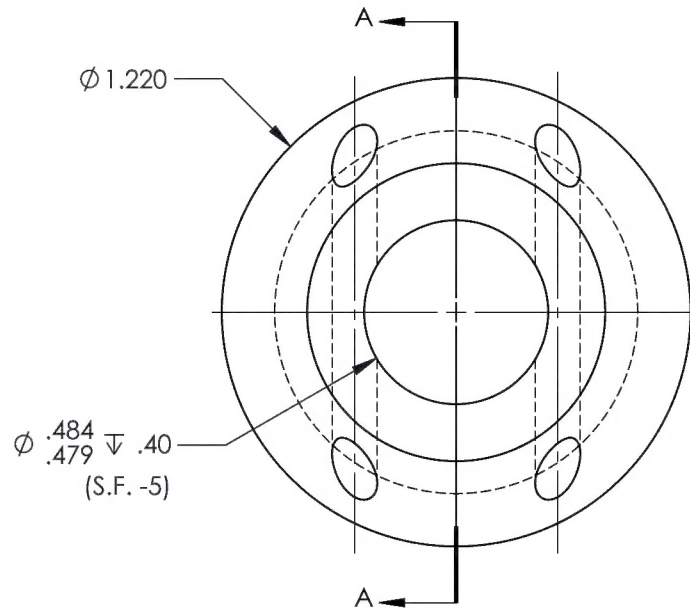


(-1)
TUBE

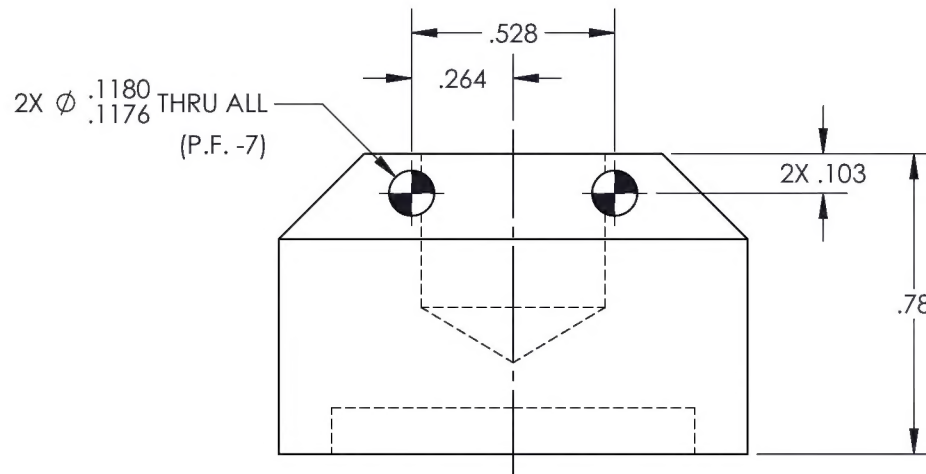
DART AEROSPACE			
TITLE NUT BRAKE HAFTING TOOL			
DWG NO. RBEM632V3004131-1			REV 2
MAT'L 4140/4142		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT RC 28-32		DIMENSIONS ARE IN INCHES	
FINISH ZINC PLATE		.XXX ± .005 FRACTIONS ± 1/8	
SPEC ASTM B633 TYPE I SC 2		.XX ± .01 ANGLES ± 5°	
DRAWN BY: DUERFELDT		.X ± .1 SURFACES = 125/	
CHECKED: CLOUGH		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:1		3. INTERPRET DIM AND TOL PER	
DATE 5/3/2016		ASME Y14.5M-2009	
		USED ON MODEL	
		H175	
		SHEET 2 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0185	-3 CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32, CH'D FINISH WAS DUAL FINISH IS ZINC PLATE.	10/21/2016	RJC	SM



SECTION A-A

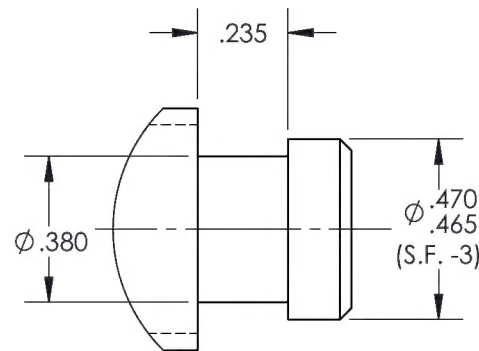
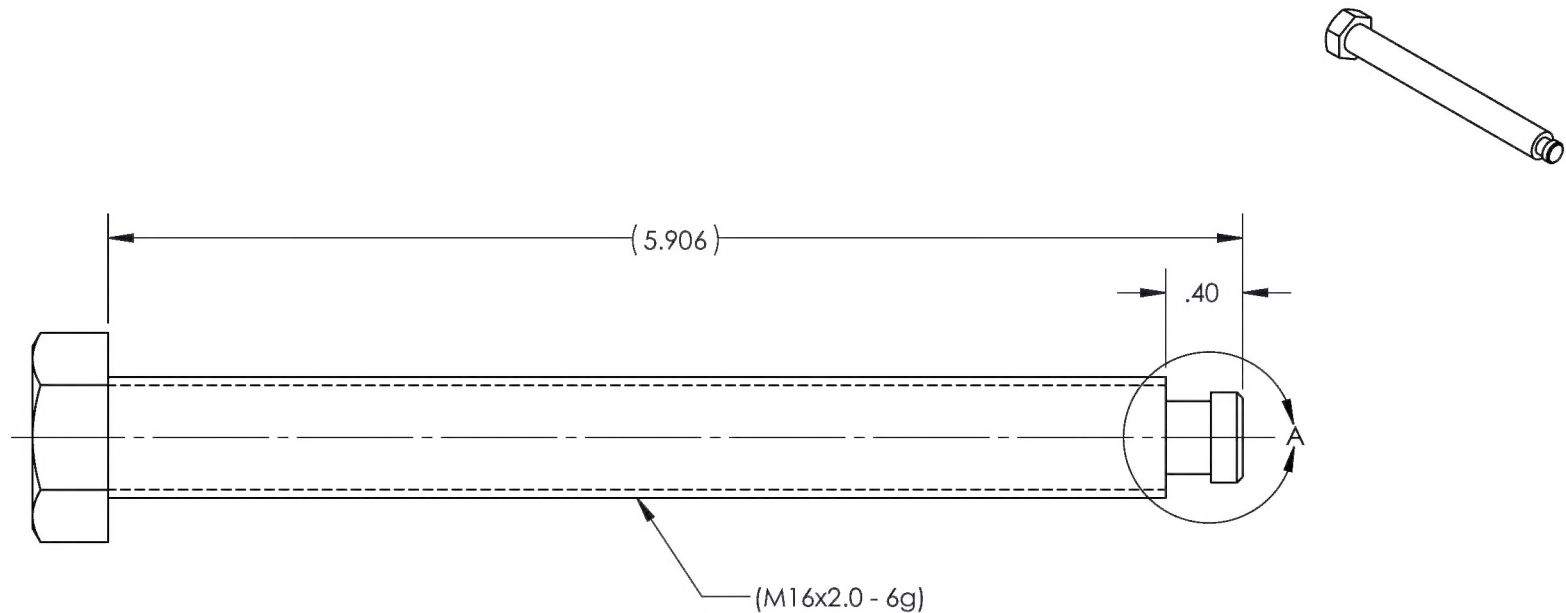


(3)
FOOT

DART AEROSPACE	
TITLE NUT BRAKE HAFTING TOOL	
DWG NO. RBEM632V3004131-3	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-32	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 5/3/2016	USED ON MODEL
SHEET 3 OF 4	H175

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



DETAIL A
SCALE 2 : 1

(5)

HEX HEAD CAP SCREW

DART AEROSPACE	
TITLE NUT BRAKE HAFTING TOOL	
DWG NO. RBEM632V3004131-5	REV 2
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125° ✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL
SCALE 1:1	H175
DATE 5/3/2016	SHEET 4 OF 4